

10032988-122701

a field parsing module determining whether a character string comprising three consecutive periods exists in a field of the data; determining whether a character string comprising four consecutive periods exists in the field of the data; determining whether a character string comprising an apostrophe immediately followed by three consecutive periods exists in the field of the data; if the character string comprising four consecutive periods exists in the field, determining that the field of the data is not a function key-capable field; if the character string comprising an apostrophe immediately followed by three consecutive periods exists in the field, determining that the field of the data is not a function key-capable field; and if the character string comprising three consecutive periods exists in the field and the character string comprising four consecutive periods does not exist in the field and the character string comprising an apostrophe immediately followed by three consecutive periods does not exist in the field, determining that the field is a function key-capable field.

28. (Amended) The storage medium of claim 27, further comprising:

the field parsing module determining whether a previous field immediately prior to the field of data is an entry field; and if the previous field is not an entry field, determining that the field of data is not an entry field.

29. (Amended) The storage medium of claim 21, wherein the network linking the client computer and the server computer is the Internet.

30. (Amended) The storage medium of claim 21, wherein the network linking the client computer and the server computer is a Local Area Network.

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32. (Amended) The storage medium of claim 31, wherein the instruction template includes a pull data field that specifies information desired from the host computer, further comprising:

the server application framework locating the pull data field; retrieving the information desired from the host computer; and inserting the information desired from the host computer into the instruction template.

33. (Amended) The storage medium of claim 32, wherein the insertion of the information into the instruction template is performed prior to the transmitting the instruction template to the client computer.

34. (Amended) The storage medium of claim 31, further comprising:  
the server application framework determining whether the client computer is operating in a low-bandwidth mode; if the client computer is operating in a low-bandwidth mode and a low-bandwidth instruction template corresponding to the host computer screen exists, transmitting the low-bandwidth instruction template to the client computer; and if the client computer is not operating in a low-bandwidth mode a high-bandwidth instruction template corresponding to the host computer screen exists, transmitting the high-bandwidth instruction template to the client computer, wherein the low-bandwidth instruction template is different from the high-bandwidth instruction template.

35. (Amended) The storage medium of claim 31, wherein a plurality of instruction templates exist, each template having an associated screen identifier, further comprising:

the server application framework further comprising determining a host screen identifier corresponding to the host computer screen; and wherein the determining whether an instruction template corresponding to the host computer screen exists includes determining whether an instruction template having an associated screen identifier that matches the host screen identifier exists.

36. (Amended) The storage medium of claim 35, wherein the determining whether an instruction template corresponding to the host computer screen exists includes:

if an instruction template corresponding to the host computer does not exist, determining whether an alternate instruction template having an associated screen identifier that matches the host screen identifier exists, wherein the alternate instruction template corresponds to a computer screen of a second host computer; and

if the alternate instruction template exists, transmitting the alternate instruction template to the client computer.

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39. (Amended) The storage medium of claim 38, wherein the communication medium linking the host computer to the server computer is an SNA network and the data received from the host computer comprises a data stream including an insert cursor token indicative of the focus field.

40. (Amended) The storage medium of claim 39, wherein the set of instructions includes instructions in the Hypertext Markup Language.

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